

# SWOT Analysis

## Strength

- Established Infrastructure

## Opportunity

- Gulf Stream Energy Generation

## Weakness

- Inability to Meet Future Demand

## Threat

- Climate Change

Power Generation & Fuel Diversity Table

# Strategy Results

1. Incentivize development of renewable sources with lowest carbon footprint
2. Expand energy infrastructure
3. Develop ocean energy

Power Generation & Fuel Diversity Table

# SWOT Analysis

## Strength

- Climate

## Weakness

- Policy & Climate

## Opportunity

- Gulf Stream (wave)
- Biomass
- Sun
- Wind

## Threat

- Consistent Policy

Renewable Energy Table

# Strategy Results

1. Polling and economic modeling
2. Set goals
3. Education & Research and Development

Renewable Energy Table

# SWOT Analysis

## Strength

- Sustainability is a popular & well accepted idea in both public & private sectors

## Weakness

- Paradigm shift (change in behavior is difficult)

## Opportunity

- Leadership, early education & adaption matters

## Threat

- Complacency/reluctance to change behavior

Energy Efficiency & Conservation Table

# Strategy Results

1. Adopt a broad based regional strategy for energy conservation using available tools (SEMP, SELF, PACE)
2. Promote a consistent message of energy conservation region wide through all channels (elected officials, government staff, school board, school curriculum)
3. Promote competition around conservation using benchmarks and incentives/recognition

## Energy Efficiency & Conservation Table

# SWOT Analysis

## Strength

- Economic self-sufficiency
- Decreased sprawl
- Higher quality of life

## Weakness

- Sustained commitment to all inclusive change

## Opportunity

- New industries/economies
- More preserve/conservation

## Threat

- Institutional disincentives
- Opposition to change

Energy Efficient Communities Table

# Strategy Results

1. Education on goals & benefits (public/elected officials etc). Pilot projects are key.
2. Economic strategies and financing (incentives/disincentives)
3. Broad-scaled inclusion from all of community
4. Tie transportation and land use

Energy Efficient Communities Table



# SWOT Analysis

## Strength

- Concentrated regional travel demand adjacent to regional transportation corridors

## Weakness

- Totally dependent on centralized imports

## Opportunity

- Sustainable agricultural & opportunities to deregulate alternative energy production

## Threat

- Risk of natural or man made threat to Port Everglades

Transportation & Motor Fuel Alternatives Table

# Strategy Results

1. A State wide energy policy including private/public partnerships for fleet conversion and alternative fuel refueling stations
2. Moving agricultural transportation from diesel to lower carbon emitting and bio fuels
3. Reduce carbon emission idle timing for all modes of transportation (goal zero carbon idle time)

Transportation & Motor Fuel Alternatives Table

# SWOT Analysis

## Strength

- Population, critical mass and continued growth trends

## Weakness

- Low density, sprawling car focused land development pattern that is exacerbated from East to West

## Opportunity

- Inventory of infill, redevelopment and underperforming lands (i.e. low intensity commercial uses in West communities) that can be transformed into transit-supportive forms over time

## Threat

- Money & politics

Transit Development Table

# Strategy Results

1. Rethinking land development regulations to incentivize a more transit oriented development pattern
2. Public education campaign on relationships between and among land use and the built environment, transportation, sustainability, energy & environmental impacts – K – 12, elected officials, the public
3. More regional approach to transit development, rethinking use of roadway network and a more multi-modal fashion to be more competitive for funding

## Transit Development Table

# SWOT Analysis

## Strength

- Lower operational cost
- Good for short trips
- No trips to gas station. Nightly charge at home
- Reduce environmental impact
- Noise reduction
- New standard charging nozzle

## Weakness

- Initial Cost
- Driving range
- Available charging stations (public)
- Too silent, pedestrians/bicycles don't hear them

## Opportunity

- Incentives
- Plug-in hybrids – great opportunity to transition from gas to electric

## Threat

- Emergency response/training for first responders
- Dispose of batteries

Electric & Hybrid Vehicles Table

# Strategy Results

1. Standardizing permitting
2. Incentives – rebates
  1. To buy vehicles
  2. To develop batteries
  3. To develop more options/vehicles
3. Technological advancements
  1. Expanding driving range

Electric & Hybrid Vehicles Table